

9	18	27	36	45	54
GC CGC TCG CAC GCC CTT GGG CCG CCG GCC GGC TCT TTC CGC TTG					
63	72	81	90	99	108
CGC TGT GAG CTG AGG CGG TGT ATG TGC GGC AAT AAC ATG TCA ACC CCG CTG CCC					
	M	C	G	N	M
	A	T	A	V	I
	F	L	H	G	
117	126	135	144	153	162
GCC ATC GTG CCC GCC CGG AAG GCC ACC GCT GCG GTG ATT TTC CTG CAT GGA					
A I V P A A R K A A T A A V I F L H G					
171	180	189	198	207	216
TTG GGA GAT ACT GGG CCT GTT AGG CCT GTT ACA TTA AAT ATG AAC GTG GCT ATG					
L G D T G P V R P V T L N M N V A M					
225	234	243	252	261	270
CCT TCA TGG TTT GAT ATT ATT GGG CTT TCA CCA GAT TCA CAG GAG GAT GAA TCT					
P S W F D I I G L S P D S Q E D E S					
279	288	297	306	315	324
GGG ATT AAA CAG GCA GAA AAT ATA AAA GCT TTG ATT GAT CAA GAA GTG AAG					
G I K Q A A E N I K A L I D Q E V K					

FIGURE 1A

333	342	351	360	369	378
AAT GGC ATT CCT TCT AAC AGA ATT ATT TTG GGA GGG TTT TCT CAG GGA GGT					
N G I P S N R I I L G G F S Q G A					
387	396	405	414	423	432
TTA TCT TTA TAT ACT GCC CTT ACC ACA CAG CAG AAA CTG GCA GGT GTC ACT GCA					
L S L Y T A L T Q Q K L A G V T A					
441	450	459	468	477	486
CTC AGT TTC TTG CTT CCA CTT CGG GNT TCC TTT CCA CAG GGT CCT ATC GGT GGT					
L S F L L P L R X S F P Q G P I G G					
495	504	513	522	531	540
GCT AAT AGA GAT ATT TCT ATT CTC CAG TGC CAC GGG GAT TGT GAC CCT TTG GTT					
A N R D I S I L Q C H G D C D P L V					
549	558	567	576	585	594
CCC CTG ATG TTT GGT TCT CTT ACG GTG GAA AAA CTA AAA ACA TTG GTG AAT CCA					
P L M F G S L T V E K L K T L V N P					
603	612	621	630	639	648
GCC AAT GTG ACC TTT AAA ACC TAT GAA GGT ATG ATG CAC AGT TCG TGT CAA CAG					
A N V T F K T Y E G M H S S C Q Q					

FIGURE 1B

705777 28583553

657	GAA	ATG	ATG	GAT	GTC	AAG	CAA	TTC	ATT	GAT	AAA	CTC	CTA	CCT	CCA	ATT	GAT	TGA
	E	M	M	D	V	K	Q	F	I	D	K	L	L	P	P	I	D	
	CGT	CAC	TA	3'														
	R	H																

FIGURE IC

1	M	C	G	N	N	M	S	T	P	L	P	A	I	V	P	A	A	R	K	A	T	A	A	V	I	F	L	H	G	L	G	D	T	G	-	-	-	-	-	-	2676650
1	M	C	G	N	N	M	S	A	P	M	P	A	V	V	P	A	A	R	K	A	T	A	A	V	I	F	L	H	G	L	G	D	T	G	H	G	W	A	E	A	GI 1552244
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2676650	
41	F	A	G	I	K	S	S	H	I	K	Y	I	C	P	H	A	P	V	M	P	V	T	L	N	M	S	M	M	P	S	W	F	D	I	I	G	L	S	P	GI 1552244	
59	D	S	Q	E	D	E	S	G	I	K	Q	A	A	E	N	I	K	A	L	I	D	Q	E	V	K	N	G	I	P	S	N	R	I	I	L	G	G	F	S	Q	2676650
81	D	S	Q	E	D	E	S	G	I	K	Q	A	A	E	T	V	K	A	L	I	D	Q	E	V	K	N	G	I	P	S	N	R	I	I	L	G	G	F	S	Q	GI 1552244
99	G	G	A	L	S	L	Y	T	A	L	T	T	Q	Q	K	L	A	G	V	T	A	L	S	F	L	L	P	L	R	X	S	F	P	Q	G	P	I	G	G	A	2676650
121	G	G	A	L	S	L	Y	T	A	L	T	T	Q	Q	K	L	A	G	V	T	A	L	S	C	W	L	P	L	R	A	S	F	S	Q	G	P	I	N	S	A	GI 1552244
139	N	R	D	I	S	I	L	Q	C	H	G	D	C	D	P	L	V	P	L	M	F	G	S	L	T	V	E	K	L	K	T	L	V	N	P	A	N	V	T	F	2676650
161	N	R	D	I	S	V	L	Q	C	H	G	D	C	D	P	L	V	P	L	M	F	G	S	L	T	V	E	R	L	K	G	L	V	N	P	A	N	V	T	F	GI 1552244
179	K	T	Y	E	G	M	M	H	S	S	C	Q	Q	E	M	M	D	V	K	Q	F	I	D	K	L	L	P	P	I	D									2676650		
201	K	V	Y	E	G	M	M	H	S	S	C	Q	Q	E	M	M	D	V	K	Y	F	I	D	K	L	L	P	P	I	D									GI 1552244		

FIGURE 2

Year	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

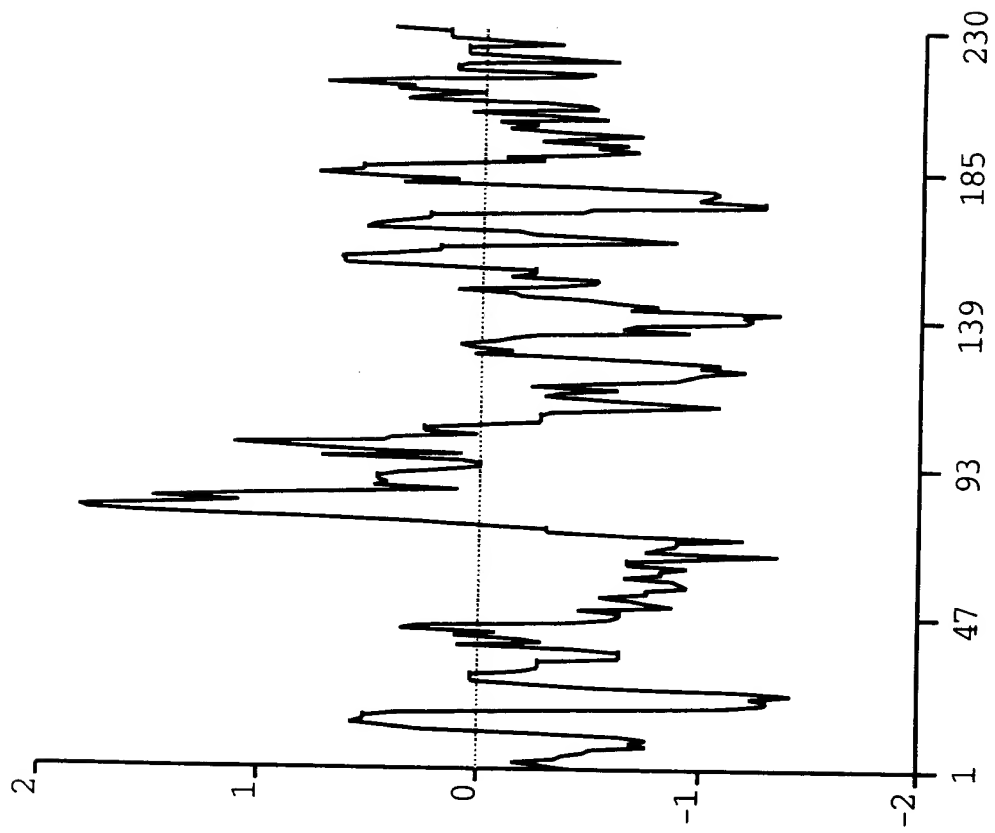


FIGURE 3B

FIGURE 4A

TESTTUT02	testicular tumor, 31 M	1	0.0134
CONUTUT01	mesenteric tumor, sigmoid, 61 F	1	0.0130
SINTFET03	small intestine, fetal F	1	0.0130
THP1NOT03	THP-1 promonocyte cell line, untreated	1	0.0129
PROSTUT04	prostate tumor, 57 M, match to PROSNOT06	1	0.0117
PLACNOM02	placenta, neonatal F, NORM, WM	2	0.0111
BRSTNOT04	breast, 62 F	1	0.0096
PROSNON01	prostate, 28 M, NORM	1	0.0094
BRAINOM01	brain, infant F, NORM, WM	2	0.0089
PANCTUT02	pancreatic tumor, carcinoma, 45 F	1	0.0086
LUNGFET03	lung, fetal F	1	0.0069

FIGURE 4B